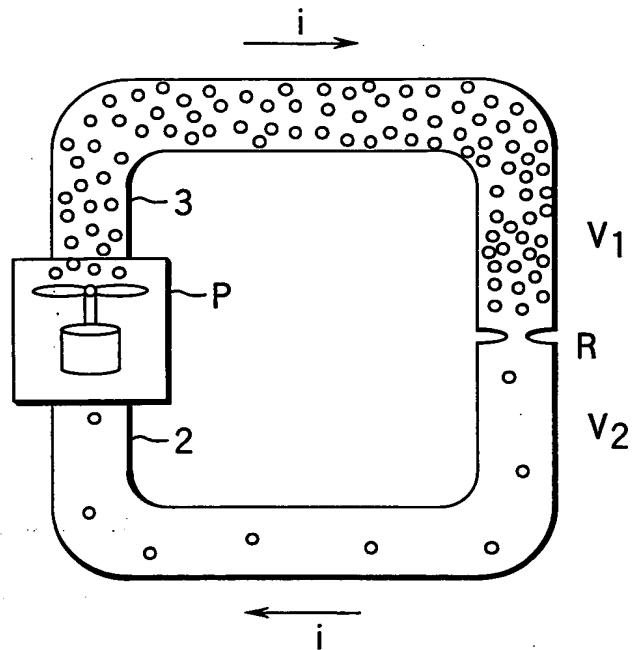
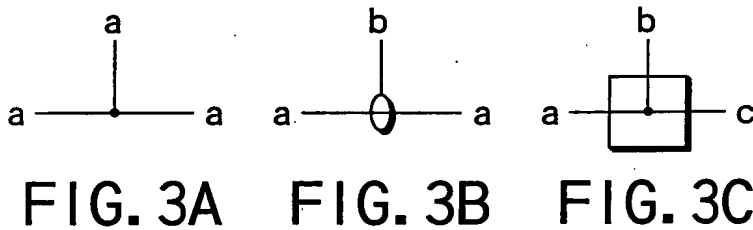


**FIG. 1**  
 PRIOR ART



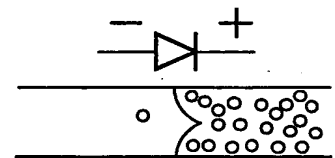
**FIG. 2**



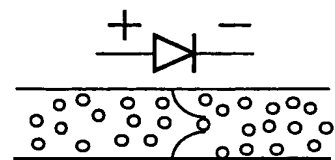
**FIG. 3A**

**FIG. 3B**

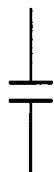
**FIG. 3C**



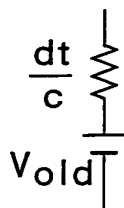
**FIG. 4A**



**FIG. 4B**



**FIG. 5A**



**FIG. 5B**



FIG. 6A

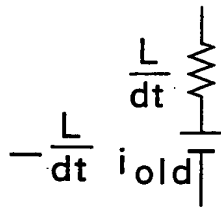


FIG. 6B

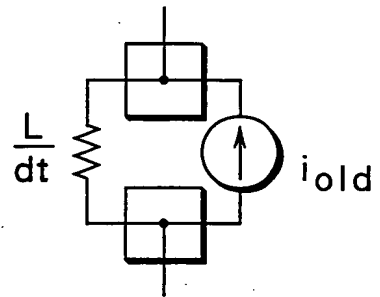


FIG. 6C

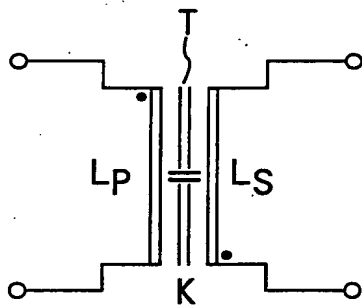


FIG. 7

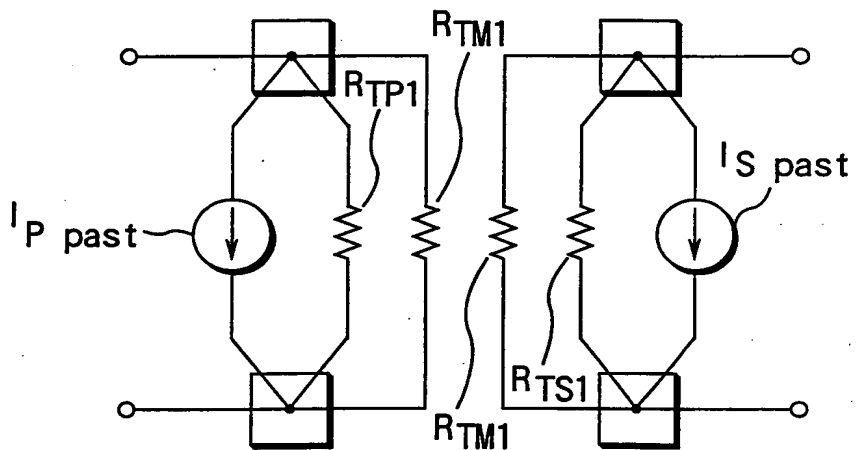


FIG. 8

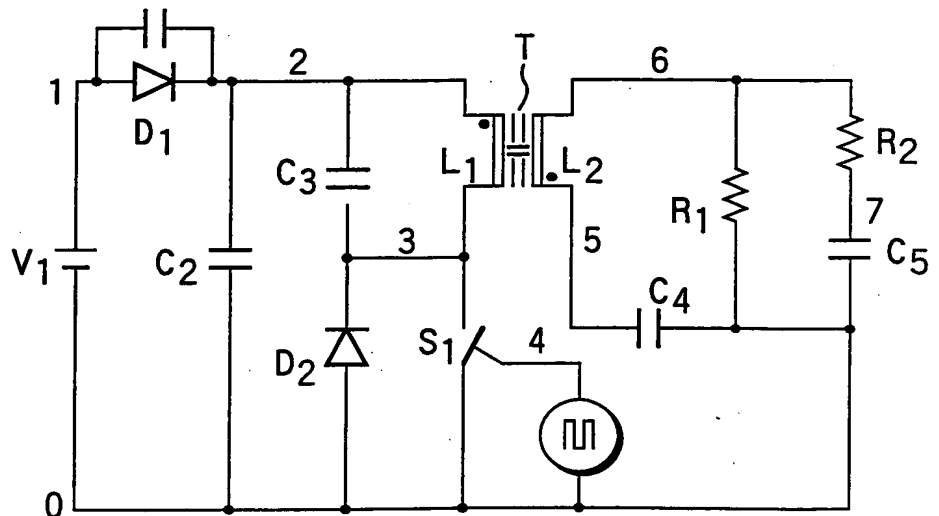


FIG. 9

CELL LIST			
CELL NUMBER	CONNECTION NODE NUMBER		UNIQUE INFORMATION
NME\$(1)="V1":	NP(1)=1:	NM(1)=0:	DTA(1)=V1
NME\$(2)="D1":	NP(2)=1:	NM(2)=2:	
NME\$(3)="X1":	NP(3)=2:	NM(3)=3:	N3(3)=4: N4(3)=5
NME\$(4)="X2":	NP(4)=9:	NM(4)=10:	N3(4)=11: N4(4)=12
NME\$(5)="Y1":	NP(5)=0:	NM(5)=7:	N3(5)=14:
NME\$(6)="RC2":	NP(6)=3:	NM(6)=6:	DTA(6)=dt/C2
NME\$(7)="VC2":	NP(7)=6:	NM(7)=7:	DTA(7)=0
NME\$(8)="X1":	NP(8)=2:	NM(8)=3:	N3(8)=4: N4(8)=5
NME\$(9)="RC3":	NP(9)=5:	NM(9)=8:	DTA(9)=dt/C3
NME\$(10)="VC3":	NP(10)=8:	NM(1)=9:	DTA(10)=0
NME\$(11)="V2":	NP(11)=13:	NM(11)=10:	
NME\$(12)="S1":	NP(12)=11:	NM(12)=15:	N3(12)=39: N4(12)=15: <del>DTA(12)=1</del> <b>DTA</b>
NME\$(13)="X3":	NP(13)=13:	NM(13)=14:	N3(13)=15: N4(13)=16 <b>DTA2</b>
NME\$(14)="P1":	NP(14)=39:	NM(14)=15:	<del>DTA(14)=50: DTA2(14)=0:</del> <del>DTA3(14)=223</del> <b>DTA</b> <b>DTA3</b>
NME\$(15)="X4":	NP(15)=4:	NM(15)=17:	N3(15)=18: N4(15)=19
NME\$(16)="X5":	NP(16)=12:	NM(16)=20:	N3(16)=21: N4(16)=22
NME\$(17)="RTP1":	NP(17)=18:	NM(17)=21:	<del>DTA(17)=L1*(1-ketu*ketu)/dt</del>
NME\$(18)="RTM1":	NP(18)=23:	NM(18)=26:	<del>DTA(18)=(L1*L2-M*M)/</del> <b>DTA</b> (M*dt)
NME\$(19)="ITP1":	NP(19)=20:	NM(19)=17:	<del>DTA(19)=0</del>
NME\$(20)="X6":	NP(20)=23:	NM(20)=24:	N3(20)=25: N4(20)=30
NME\$(21)="X7":	NP(21)=26:	NM(21)=27:	N3(21)=28: N4(21)=29
NME\$(22)="RTS1":	NP(22)=24:	NM(22)=27:	<del>DTA(22)=L2*(1-ketu*ketu)/</del> <b>DTA</b> dt
NME\$(23)="RTM1":	NP(23)=19:	NM(23)=22:	<del>DTA(23)=(L1*L2-M*M)/</del> (M*dt)
NME\$(24)="ITS1":	NP(24)=28:	NM(24)=25:	DTA(24)=0
NME\$(25)="Y2":	NP(25)=30:	NM(25)=31:	N3(25)=32 <b>DTA</b>
NME\$(26)="R1":	NP(26)=32:	NM(26)=36:	<del>DTA(26)=R1</del> <b>DTA</b>
NME\$(27)="R2":	NP(27)=31:	NM(27)=33:	<del>DTA(27)=R2</del>
NME\$(28)="X8":	NP(28)=35:	NM(28)=36:	N3(28)=37: N4(28)=16
NME\$(29)="RC5":	NP(29)=33:	NM(29)=34:	DTA(29)=dt/C5
NME\$(30)="VC5":	NP(30)=34:	NM(30)=35:	DTA(30)=0
NME\$(31)="RC4":	NP(31)=29:	NM(31)=38:	DTA(31)=dt/C4
NME\$(32)="VC4":	NP(32)=38:	NM(32)=37:	DTA(32)=0
new_i=32			

FIG. 17